

## **CLAIMS**

1    1.    A dental tray for treating a patient's teeth, comprising:  
2                 a planar portion having a generally U-shaped configuration with  
3         an inner edge and an outer edge; said planar portion having a first  
4         portion for holding a treating agent and a second foldable portion on  
5         said inner edge;

6                 a single outer vertical wall formed on the outer edge of said  
7         planar portion; and

8                 an element formed proximate the junction of said planar portion  
9         and said foldable portion for guiding the folding of said planar portion  
10      to raise said foldable portion into an interior tray wall.

1    2.    The tray of claim 1, wherein element is a groove formed at said  
2         junction.

1    3.    The tray of claim 1, wherein element is a bead formed at said  
2         junction.

1    4.    The tray of claim 1, wherein element is formed on the  
2         underside of said planar surface for engagement by a patient's tongue.

1    5.    The tray of claim 4, wherein said element is formed on the  
2         upper side of said planar surface for locating said folding portion.

1   6.   The tray of claim 1, wherein said tray is formed from an  
2   ethylene vinyl acetate copolymer having a forming temperature  
3   between 115 °F and 145 °F.

1   7.   A dental tray for treating a patient's teeth, comprising:  
2              planar portion means for forming said tray and having a generally  
3              U-shaped configuration with an inner edge and an outer edge; said  
4              planar portion means having a first portion for holding a treating agent  
5              and a second foldable portion on said inner edge;  
6              wall means for forming a single outer vertical wall on the outer  
7              edge of said planar portion means; and  
8              junction means for forming the junction of said planar portion  
9              and said foldable portion for guiding the folding of said planar portion  
10             to raise said foldable portion into an interior tray wall.

1   8.   The tray of claim 7, wherein junction means is a groove formed  
2   at said junction.

1   9.   The tray of claim 7, wherein junction means is a bead formed at  
2   said junction.

1   10.   The tray of claim 7, wherein junction means is formed on the  
2   underside of said planar surface for engagement by a patient's tongue.

1    11. The tray of claim 10, wherein said junction means is formed on  
2    the upper side of said planar surface for locating said folding portion.

1    12. The tray of claim 7, wherein said tray is formed from an  
2    ethylene vinyl acetate copolymer having a forming temperature  
3    between 115 °F and 145 °F.